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\*Admitted only in Maryland  
+Admitted only in Virginia  
•Practice Limited to  
Federal Agencies

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Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Mail Stop: Amendment

Re: U.S. Utility Patent Application  
Appl. No. 09/891,332; Filed: June 27, 2001  
For: **Polymerases for Analyzing or Typing Polymorphic Nucleic Acid  
Fragments and Uses Thereof**  
Inventors: SOLUS *et al.*  
Our Ref: 0942.4250003/BJD/JKM

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Amendment and Reply Under 37 C.F.R. § 1.111; and
2. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

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BJD/JKM:bac  
Enclosures

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

SOLUS *et al.*

Appl. No. 09/891,332

Filed: June 27, 2001

For: **Polymerases for Analyzing or  
Typing Polymorphic Nucleic Acid  
Fragments and Uses Thereof**

Confirmation No.: 4572

Art Unit: 1637

Examiner: Tung, J.

Atty. Docket: 0942.4250003/BJD/JKM

**Amendment and Reply Under 37 C.F.R. § 1.111**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In reply to the Office Action dated **August 3, 2004**, Applicants submit the following Amendment and Remarks. This Amendment is provided in the following format:

- (A) Each section begins on a separate sheet;
- (B) Starting on a separate sheet, a complete listing of all of the claims:
  - in ascending order;
  - with status identifiers; and
  - with markings in the currently amended claims;
- (C) Starting on a separate sheet, the Remarks.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional fees are due for net addition of claims, or if additional extensions of

time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any additional fees required are hereby authorized to be charged to our Deposit Account No. 19-0036.